

## GLOBE Partnerships with Satellite Missions

Satellite(s)	Instrument(s)	GLOBE Protocol(s)
ESSP CloudSat (Earth System Science Pathfinder Project)	<b>CPR</b> (Cloud Profiling Radar)	Atmosphere
EOS Terra and Aqua (Earth Observing System)	<b>MODIS</b> (Moderate Resolution Imaging Spectroradiometer) <b>CERES</b> (Clouds and the Earth's Radiant Energy System) <b>AMSR/E</b> (Advanced Microwave Scanning Radiometer-EOS) <b>AMSU</b> (Advanced Microwave Sounding Unit) <b>AIRS</b> (Atmospheric Infrared Sounder) <b>HSB</b> (Humidity Sounder for Brazil) <b>MOPITT</b> (Measures of Pollution in the Troposphere) <b>MISR</b> (Multi-angle Imaging SpectroRadiometer)	Land Cover Surface Temperature Hydrology Atmosphere
ESSP CALIPSO (Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observations)	<b>LIDAR</b> (LIght Detection And Ranging)	Atmosphere Aerosols
LandSat	<b>ETM+</b> (Enhanced Thematic Mapper Plus)	Clouds Snow Land Cover Soil Characterization Surface Temperature
EOS Aura	<b>OMI</b> (Ozone Monitoring Instrument) <b>HIRDLS</b> (High Resolution Dynamics Limb Sounder) <b>MLS</b> (Microwave Limb Sounder) <b>TES</b> (Tropospheric Emission Spectrometer)	UVA Surface Ozone Atmosphere Aerosols
AIM (Aeronomy of Ice in the Mesosphere)	<b>SOFIE</b> (Solar Occultation for Ice Experiment) <b>CIPS</b> (Cloud Imaging and Particle Size Experiment) <b>CDE</b> (Cosmic Dust Experiment)	Clouds Aerosols Column Water Vapor Carbon Dioxide (in design stage)
GOES (Geostationary Operational Environmental Satellite)	<b>GOES I-M</b> Imager Sounder Space Environmental Monitor	Atmosphere Aerosols Surface Temperature
SPOT (commercial satellites)	<b>HRS</b> (High Resolution Stereoscopic)	Land Cover Soil Characterization
Various NOAA/NASA satellites	<b>AVHRR</b> (Advanced Very High Resolution Radiometer)	Clouds Phenology Hydrology Surface Temperature Soil Characterization
Earth Probe TOMS satellite	<b>TOMS</b> (Total Ozone Mapping Spectrometer)	Surface Ozone
ESSP OCO (Orbiting Carbon Observatory)	Spectrometer	Carbon Dioxide (in design stage)
AIM (Aeronomy of Ice in the Mesosphere)	<b>SOFIE</b> (Solar Occultation For Ice Experiment) <b>SHIMMER</b> (Spatial Heterodyne IMager for MEsospheric Radicals) <b>CIPS</b> (Cloud Imaging and Particle Size experiment) <b>CDE</b> (Cosmic Dust Experiment)	Polar Mesospheric Clouds (in design stage)

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